

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Won-jun KOH et al.

Application No.: TO BE ASSIGNED

Group Art Unit: TO BE ASSIGNED

Filed: November 14, 2003

Examiner: Unassigned

For: CHARGING SYSTEM FOR ROBOT

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☐ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☒ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.

2. ☒ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is

(Check appropriate Items 2a, 2b, 2c and/or 2d)

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed "English-language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP 609, Minimum Requirements for an Information Disclosure Statement, Part A(3): Concise Explanation of Relevance, pp. 600-100 to 600-101, Rev. 1, Feb. 2000.)
- 2b. ☐ set forth in the application.

- 2c. ☐ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.
- 2d. ☒ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY LLP

Dated: November 14, 2003
1201 New York Ave., N.W., Suite 700
Washington, D.C. 20005
Telephone: (202) 434-1500
Facsimile: (202) 434-1501

By: 

Michael D. Stein
Registration No. 37,240

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT <i>(Use several sheets if necessary)</i>	ATTORNEY DOCKET NO. 1572.1210	APPLICATION NO. TO BE ASSIGNED
	FIRST NAMED INVENTOR Won-jun KOH et al.	
	FILING DATE November 14, 2003	GROUP ART UNIT TO BE ASSIGNED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,157,319	10/20/92	Klontz et al.			
	AB	5,341,083	8/23/94	Klontz et al.			
	AC	5,568,036	10/22/96	Hulsey et al.			
	AD	6,184,651	2/6/01	Fernandez et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AE	85-2830	5/30/85	Republic of Korea				X
	AF	96-6459	2/17/96	Republic of Korea				X
	AG	97-3399	1/24/97	Republic of Korea				X
	AH	2002-57468	7/11/02	Republic of Korea				X
	AI	2002-57469	7/11/02	Republic of Korea				X
	AK	10-363439	12/5/02	Republic of Korea				X
	AL	10-375757	3/15/03	Republic of Korea				X
	AM	7-212887	8/11/95	Japan			Abstract	
	AN	8-18636	1/19/96	Japan				X
	AO	2002-199598	7/12/02	Japan			Abstract	

OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	AP	
	AQ	

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

ATTACHMENT 1(e)

EXPLANATIONS OF RELEVANCY OF REFERENCES	ATTORNEY DOCKET NO. 1572.1210	APPLICATION NO. TO BE ASSIGNED
	FIRST NAMED INVENTOR Won-jun KOH et al.	
	FILING DATE November 14, 2003	GROUP ART UNIT TO BE ASSIGNED

The foreign documents in items AE-AL and AN relate to battery charging systems.